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71 Applicant: **The M. W. Kellogg Company
Three Greenway Plaza East
Houston Texas 77046-0395(US)**

72 Inventor: **Crawford, Duffer Brooks
14342 Cindywood
Houston Texas 77079(US)**
Inventor: **O'Connor, Michael T.
4043 Leeshire
Houston Texas 77025(US)**
Inventor: **Tarakad, Ramanathan R.
7751 Westbank Avenue
Houston Texas 77064(US)**

74 Representative: **Huber, Bernhard, Dipl.-Chem.
et al
Patentanwälte H. Weickmann, Dr. K. Fincke
F.A. Weickmann, B. Huber Dr. H. Liska, Dr. J.
Prechtel Möhlstrasse 22 Postfach 860 820
D-8000 München 86(DE)**

54 **Method for partial condensation of hydrocarbon gas mixtures.**

57 Heavy components of hydrocarbon gas mixtures are recovered through partial condensation of a first portion of the starting gas by indirect heat exchange with a refrigerant wherein the condensate formed is entrained in the gas stream. The condensate is separated from the resulting partially condensed two-phase mixture and the separated condensate is then thermally stripped of light components by heat exchange with a second portion of the starting gas which is thereby also partially condensed. Heavy components from the starting gas mixture are recovered as stripped hydrocarbon condensate.

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	US-A-2 582 068 (I. ROBERTS) * Column 2, line 11 - column 4, line 38; figure 1 * ---	1,3	F 25 J 3/06 C 07 C 7/09
A	GB-A-1 392 972 (PETROCARBON DEVELOPMENT LTD) * Page 4, line 130 - page 5, line 19; page 5, line 54 - page 6, line 49; figure 2 * ---	1,11,12	
A	US-A-4 502 877 (K.H. BACON Sr.) * Abstract; figure 1; column 3, line 16 - column 5, line 44 * ---	1,11	
A,P	US-A-4 710 214 (S. SHARMA et al.; Publ. 1st December 1987) * Abstract; figure 2; column 3, line 9 - column 4, line 46 * -----	1,11	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 25 J C 07 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29-03-1989	Examiner VAN IDEKINGE R.E.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			